UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/903,991	07/13/2001	Yuri Poclucv	06944.0042	2243

27155 7590 01/24/2007	EXAMINER	
MCCARTHY TETRAULT LLP	EL CHANTI, HUSSEIN A	
BOX 48, SUITE 4700,		
66WELLINGTON STREET WEST	ART UNIT	PAPER NUMBER
TORONTO, ON M5K 1E6	2157	
CANADA		

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/24/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<table>
<tr><td rowspan="2">Office Action Summary</td><td>Application No.
09/903,991</td><td>Applicant(s)
POELUEV, YURI</td></tr>
<tr><td>Examiner
Hussein A. El-chanti</td><td>Art Unit
2157</td></tr>
</table>

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _20 December 2006_.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1,4 and 12-19_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1,4 and 12-19_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

1.   This action is amendment received on Dec. 20, 2006. Claims 1, 4 and 12-19 are

pending examination.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.   Claims 1, 4 and 12-19 were rejected under 35 U.S.C. 102(e) as being anticipated

by Boden et al., U.S. Patent No. 6,832,322 (referred to hereafter as Boden).

Boden teaches the invention explicitly as claimed including a system and method

for receiving a request to connect to a VPN through a DNS where the address is

modified to establish a session with the requested VPN address (see abstract).

As to claims 1 and 17, Boden teaches a method and system for resolving a

website address when connected with a VPN comprising the steps of:

a) connecting said public host with a VPN, said public host having a software

module included therein for routing future domain name requests to a domain name

server of said VPN while said connection is active (see col. 6 lines 60-col. 7 lines 36

and col.8 lines 25-59, host is connected to the DNS of a VPN);

b) said software module monitoring communication packets transmitted from the

public host for the presence of domain name requests from said public host (see col. 6

lines 60-col. 7 lines 36 and col.8 lines 25-59, connection manager monitors the

packets);

c) said software module intercepting said requests (see col. 6 lines 60-col. 7 lines

36, gateway receives domain name request);

d) said software module modifying said requests by replacing an address of a

DNS of an ISP of said public host with the address of said DNS of said VPN and routing

said requests to said DNS of said VPN (see col. 6 lines 60-col. 7 lines 36 and col.8 lines

25-59, connection manager sends a query to the DNS of the VPN and receives a

destination address to use);

e) said DNS resolving requests routed thereto by said software module and

returning an address location to said software module as a domain name response (see

col. 6 lines 60-col. 7 lines 36, DNS checks table and returns IP address);

f) said software module modifying said response by remodifying said address of

said ISP to counter-act the IP address modification performed in step d)(see col. 6 lines

60-col. 7 lines 36 and col.8 lines 25-59, connection manager translates the address in

the packet to a destination address obtained from the DNS); and

g) said software module providing said address location to said public host

wherein said address location appears to said public host as being provided by said

DNS of said ISP (see col. 6 lines 60-col. 7 lines 36 and col.8 lines 25-59).

As to claim 4, Boden teaches the method of claim 1 further including the step of connecting said host to said address location (see col. 6 lines 60-col. 7 lines 36).

As to claim 12, Boden teaches the method of Claim 1, wherein step d) further comprises said software module modifying a check sum of said domain name requests; and step f) further comprises said software module re-modifying said check sum to counter-act the original check sum modification performed in step d) (see col. 6 lines 60-col. 7 lines 36 and col.8 lines 25-59).

As to claim 13, Boden teaches the method of Claim 12, wherein said modification of said check sum includes computing a new check sum by XORing said check sum with a hexidecimal value to obtain a one's complement, and replacing said check sum with said new check sum (see col. 6 lines 60-col. 7 lines 36).

As to claim 14, Boden teaches the method of Claim 1, wherein said connection between said public host and said VPN is a VPN tunnel (see col. 6 lines 60-col. 7 lines 36),

As to claim 15, Boden teaches the method of Claim 14, wherein said VPN tunnel is a Secure Internet Protocol (IPSec) tunnel (see col. 2 lines 41-46).

As to claim 16, Boden teaches the method of Claim 1, wherein said public host is one of a personal digital assistant (PDA), a desktop personal computer, and a laptop personal computer having data communication capabilities (see col. 6 lines 60-col. 7 lines 36).

As to claim 18, Boden teaches the system of Claim 17, wherein said software module is a driver (see col. 6 lines 60-col. 7 lines 36).

As to claim 19, Boden teaches the system of Claim 17, wherein said public host

is one of a personal digital assistant (PDA), a desktop personal computer, and a laptop

personal computer; having data communication capabilities compatible with said

communication link (see col. 6 lines 60-col. 7 lines 36).

Response to Arguments

4.   Applicant does not present any arguments or any claim amendments.

5.   This is a RCE of applicant's earlier Application No. 09/903,991. All claims are

drawn to the same invention claimed in the earlier application and could have been

finally rejected on the grounds and art of record in the next Office action if they had

been entered in the earlier application. Accordingly, **THIS ACTION IS MADE FINAL**

even though it is a first action in this case. See MPEP § 706.07(b). Applicant is

reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no, however, event will the statutory period for reply expire later

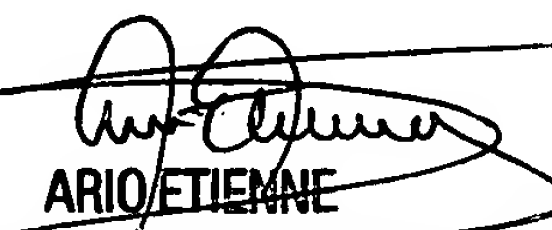than SIX MONTHS from the mailing date of this final action.

6.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Hussein A. El-chanti whose telephone number is

(571)272-3999. The examiner can normally be reached on Mon-Fri 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ario Etienne can be reached on (571)272-4001. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Hussein El-chanti

Jan. 16, 2007

ARIO ETIENNE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100